IMR TEST LABS - Portland OR

IMR Test Labs in Portland, OR is an accredited materials testing laboratory offering analytical services to manufacturers supplying the aerospace, medical, additive/3D, energy, oil and gas, nuclear power, and other high-technology markets. A full list of our approvals can be found on our website.

IMR Test Labs – Portland offers routine chemical analysis, metallurgical evaluation and mechanical testing on a wide range of alloys. Our specialty is large volume repetitive work, which allows us to price competitively while producing accurate reports, quickly. We are continuously improving so our lab runs efficiently and your samples move quickly and easily through our departments.

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Email: imrportlandsales@imrtest.com
Phone: 1 503 653 2904
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Mechanical Testing
- Bend Testing
- Charpy Impact Testing (-320°F to 500°F)
- Compression Testing
- Creep/Stress Rupture (to 2000F)
- Ductility (Bend)
- Fastener Testing
- Flattening
- Hardness Testing (Brinell, Rockwell)
- Heat Treatment (Furnace to 2100F)
- Hydrogen Embrittlement
- Microhardness Testing (Knoop, Vickers)
- Proof (Internal & External Threads)
- Rotating Beam Fatigue
- Sample Machining & Preparation
- Tensile Testing
- Welder & Procedure Qualification

Metallurgical Analysis
- Alpha Case
- Carburization
- Case Depth
- Certified Weld Inspection
- Decarburization
- Determination of Volume Fraction by Point Count
- Effective Case Depth
- Grain Size
- Heat Treat Analysis
- Inclusion Rating
- Intergranular Attack
- Jominy Hardenability
- Machining Evaluations
- Microstructure
- Particle Analysis
- Plating & Coating Analysis

Chemical Analysis
- Alloy Chemistry
- Density of Metals
- ICP Analysis
- Metallic Material Verification
- OES Analysis
- Combustion Analysis (C, H, N, O, S)

Corrosion Testing
- ASTM A262 Practice A, B, C & E
- ASTM A923 Practice A & C
- ASTM G48 Method A

For a complete list of services offered, visit www.imrtest.com
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Fax: 1 607 533 9210
Materials:
Metals, Polymers, Composites
Major Approvals:
A2LA (ISO 17025), Nadcap, Boeing, GE S-400
Specializing In:
Failure Analysis, Mechanical, Metallurgical, Chemical Analysis, Aerospace Composite Analysis, Polymer Compositional Analysis, XRD Analysis, Weld Evaluation, Accelerated Weathering Corrosion Testing, Electromechanical Corrosion Testing

IMR Test Labs - Louisville
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Phone: 1 502 810 9007
Fax: 1 502 810 0380
Materials:
Metals, Polymers
Major Approvals:
A2LA (ISO 17025), GE S-400
Specializing In:
Failure Analysis, Mechanical, Metallurgical, High Volume Material Checks, Polymer Compositional Analysis, XRD Analysis, Weld Evaluation, Corrosion Testing

IMR Test Labs - Singapore Pte. Ltd.
30 Loyang Way #03-16
Singapore 508769
sales@imrsingapore.com
Phone: 65 6592 5325
Fax: 65 6592 5326
Now an Approved GE Aviation CCL
Materials:
Metals
Major Approvals:
Nadcap, SAC (ISO/IEC 17025), GE S-400, P&W MCL
Specializing In:
Mechanical Testing, Metallurgical Analysis, Chemical Analysis, Coatings Evaluations, Weld Evaluations, Failure Analysis

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Suzhou Industrial Park
Jiangsu, China 215126
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Phone: 86 0512 6295 2682
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Materials:
Metals
Major Approvals:
Nadcap, A2LA (ISO 17025), GE S-400
Specializing In:
Failure Analysis, Metallurgical Analysis, Mechanical Testing, Chemical Assay and Analysis, Volume Material Checks, Weld Evaluation